

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1. (currently amended): In a wireless multi-cell communication system including a radio network controller (RNC) in communication with a plurality of base stations, a method of providing high speed downlink packet access (HSDPA) services, the method comprising:

(a) the RNC sending a control signal to ~~at least~~ a particular one of the base stations, the ~~at least one particular~~ base station having a plurality of timeslots assigned thereto for the establishment of HSDPA channels, the control signal indicating ~~a different~~ maximum allowed HSDPA transmit power values for ~~each of the different~~ timeslots of the particular base station; and

(b) the at least one base station sending a feedback signal to the RNC, the feedback signal indicating the results of measurements of the power of the transmitted HSDPA timeslots during a predetermined time period.

2. (original): The method of claim 1 wherein the predetermined time period is at least 100 ms.

3. (original): The method of claim 1 wherein the wireless multi-cell communication system is a time division duplex (TDD) system in which the RNC allocates a certain number of timeslots for the usage of HSDPA data channels (HS-DSCHs) to each cell.

4. (original): The method of claim 1 wherein the maximum allowed HSDPA transmit power for one timeslot of one cell is different than the maximum allowed HSDPA transmit power for the same timeslot in a different cell.

5. (currently amended): A wireless multi-cell communication system for providing high speed downlink packet access (HSDPA) services, the system comprising:

(a) a radio network controller (RNC); and

(b) a plurality of base stations in communication with the RNC, wherein:

(i) the RNC sends a control signal to ~~at least~~ a particular one of the base stations, the ~~at least one particular~~ base station having a plurality of timeslots assigned thereto for the establishment of HSDPA channels, the control signal indicating ~~a~~ different maximum allowed HSDPA transmit power values for ~~each of the different~~ timeslots of the particular base station; and

(ii) the at least one base station sends a feedback signal to the RNC, the feedback signal indicating the results of measurements of the power of the transmitted HSDPA timeslots during a predetermined time period.

6. (original): The system of claim 5 wherein the predetermined time period is at least 100 ms.

7. (original): The system of claim 5 wherein the wireless multi-cell communication system is a time division duplex (TDD) system in which the RNC allocates a certain number of timeslots for the usage of HSDPA data channels (HS-DSCHs) to each cell.

8. (original): The system of claim 5 wherein the maximum allowed HSDPA transmit power for one timeslot of one cell is different than the maximum allowed HSDPA transmit power for the same timeslot in a different cell.

9. (currently amended): In a wireless multi-cell communication system including a radio network controller (RNC) in communication with a plurality of base stations, a method of providing high speed downlink packet access (HSDPA) services, the method comprising:

(a) the RNC sending a control signal to ~~at least a~~ a particular one of the base stations, the ~~at least one particular~~ base station establishing a frequency division duplex (FDD) cell having a plurality of frames including respective sets of transmission timing intervals ~~interval~~ (TTIs) assigned thereto for establishing HSDPA channels, the control signal indicating a different maximum allowed HSDPA transmit power settings for ~~each of the~~ different TTIs in the same frame; and

(b) the at least one base station sending a feedback signal to the RNC, the feedback signal indicating the results of measurements of the power of the transmitted HSDPA timeslots during a predetermined time period.

10. (original): The method of claim 9 wherein different sets of TTIs in respective ones of the frames are allocated different maximum allowed HSDPA transmit power settings.

11. (original): The method of claim 9 wherein the predetermined time period is at least 100 ms.

12. (original): The method of claim 9 wherein the RNC is configured to disable particular ones of the TTIs.

13. (original): The method of claim 9 wherein the RNC is configured to disable particular TTI sets included in the frames.

14. (currently amended): A wireless multi-cell communication system for providing high speed downlink packet access (HSDPA) services, the system comprising:

(a) a radio network controller (RNC); and

(b) a plurality of base stations in communication with the RNC, wherein:

(i) the RNC sends a control signal to ~~at least a~~ a particular one of the base stations, the ~~at least one~~ particular base station establishing a frequency division duplex (FDD) cell having a plurality of frames including respective sets of transmission timing intervals ~~interval~~ (TTIs) assigned thereto for establishing HSDPA channels, the control signal indicating a different maximum allowed HSDPA transmit power settings for ~~each of the~~ different TTIs in the same frame; and

(ii) the at least one base station sends a feedback signal to the RNC, the feedback signal indicating the results of measurements of the power of the transmitted HSDPA timeslots during a predetermined time period.

15. (original): The system of claim 14 wherein different sets of TTIs in respective ones of the frames are allocated different maximum allowed HSDPA transmit power settings.

16. (original): The system of claim 14 wherein the predetermined time period is at least 100 ms.

17. (original): The system of claim 14 wherein the RNC is configured to disable particular ones of the TTIs.

18. (original): The system of claim 14 wherein the RNC is configured to disable particular TTI sets included in the frames.